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= s microarray assay

L1 55 MICROARRAY ASSAY

= s nucleic acid microarray

L1 163 NUCLEIC ACID MICROARRAY

= s dendrimer or dendrimers

L1 5993 DENDRIMER OR DENDRIMERS

= s nucleic acid probes

L4 2719 NUCLEIC ACID PROBES

= s 13 and 14

L 4 13 AND 14

= d 13 1-4

L1 ANSWER 1 OF 4 LIFESCI COPYRIGHT 2002 CSA

AN 2000:46955 LIFESCI

TI Dendritic **Nucleic Acid Probes** for DNA

Biosensors

AU Wang, J.; Jiang, M.

CO Department of Chemistry and Biochemistry, New Mexico State University,

Las Cruces, New Mexico 88003, USA

SO Journal of the American Chemical Society [J. Am. Chem. Soc.], (19980800)

vol. 120, no. 32, pp. 8281-8282.

ISSN: 0002-7863.

DT Journal

FS N

LA English

SL English

L5 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2002 ACS

AN 2000:366111 CAPLUS

DN 133:13374

TI In situ hybridization method using **dendrimer nucleic acid probes**

IN Kofler, Andrea; Bichlmaier, Regina; Stoeckl, Ludwig

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=> s 11 and 12
D1 1 L1 AND L2

=> d 10

D1 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS
AN 2001:730719 CAPLUS
DN 135:283923
TI Use of **dendrimer** forming probes for the assessing the quality of
nucleic acid microarrays
IN Getts, Robert C.; Kadushin, James M.; Zuk, Ari
PA Polyprobe, Inc., USA
SF PCT Int. Appl., 31 pp.
CODEN: PIXXEN
DT Patent
LA English
FAN.CNF 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001071766	A1	20011004	WO 2001-US10328	20010329
WI: AF, AG, AI, AM, AT, AU, AZ, BA, BB, BG, BR, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, BG, BZ, CA, CH, CN, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, BF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SH, TD, TG				

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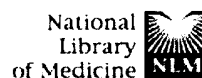
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A novel, sensitive detection system for high-density microarrays using dendrimer technology.
Physiol Genomics. 2000 Aug 9;3(2):93-9.
PMID: 11015604 [PubMed - indexed for MEDLINE]
- 2: Gerhart J, Baytion M, DeLuca S, Getts R, Lopez C, Niewenhuis R, Nilsen T, Olex S, Weintraub H, George-Weinstein M. Related Articles
DNA dendrimers localize MyoD mRNA in presomitic tissues of the chick embryo.
J Cell Biol. 2000 May 15;149(4):825-34.
PMID: 10811824 [PubMed - indexed for MEDLINE]
- 3: Capaldi S, Getts RC, Javaseena SD. Related Articles
Signal amplification through nucleotide extension and excision on a dendritic DNA platform.
Nucleic Acids Res. 2000 Apr 1;28(7):E21.
PMID: 10710438 [PubMed - indexed for MEDLINE]
- 4: Sweeney TE, Bonadio JA, Freiman MA, Getts RT, Lloyd BT, McKeown K, Platt MP, Won JH. Related Articles
A new in vivo microvascular preparation of the hamster ovary.
Microcirculation. 1999 Dec;6(4):315-20.
PMID: 10654282 [PubMed - indexed for MEDLINE]
- 5: Stevens CW, Stamato TD, Mauldin SK, Getts RC, Zeng M, Cerniglia GJ. Related Articles
Radiation-induced recombination is dependent on Ku80.
Radiat Res. 1999 Apr;151(4):408-13.
PMID: 10190492 [PubMed - indexed for MEDLINE]
- 6: Orentas RJ, Rospkopf SJ, Casper JT, Getts RC, Nilsen TW. Related Articles
Detection of Epstein-Barr virus EBER sequence in post-transplant lymphoma patients with DNA dendrimers.
J Virol Methods. 1999 Feb;77(2):153-63.
PMID: 10092139 [PubMed - indexed for MEDLINE]
- 7: Getts RC, Stamato TD. Related Articles
Absence of a Ku-like DNA end binding activity in the xrs double-strand DNA repair-deficient mutant.
J Biol Chem. 1994 Jun 10;269(23):15981-4.

PMID: 8206892 [PubMed - indexed for MEDLINE]

8: Getts RC, Behe MJ.[Related Articles](#)

Isolated oligopurine tracts do not significantly affect the binding of DNA to nucleosomes.

Biochemistry. 1992 Jun 16;31(23):5380-5.

PMID: 1606163 [PubMed - indexed for MEDLINE]

9: Getts RC, Behe MJ.[Related Articles](#)

Eukaryotic DNA does not form nucleosomes as readily as some prokaryotic DNA.

Nucleic Acids Res. 1991 Nov 11;19(21):5923-7.

PMID: 1945878 [PubMed - indexed for MEDLINE]

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